

Surveillance for Violent Deaths — National Violent Death Reporting System, 48 States, the District of Columbia, and Puerto Rico, 2020

Supplementary Tables

The National Violent Death Reporting System (NVDRS) collects data regarding violent deaths obtained from death certificates, coroner and medical examiner records, and law enforcement reports. The following tables provide information to supplement the data presented in the 2020 NVDRS Surveillance Summary, Surveillance for Violent Deaths — National Violent Death Reporting System, 48 States, the District of Columbia, and Puerto Rico, 2020. These tables provide information that was not presented or was not discussed in detail within the 2020 NVDRS Surveillance Summary, but which has been presented in previous NVDRS Surveillance Summaries and may therefore provide useful information for readers who would like further information related to specific manners of violent death or details regarding the circumstances and characteristics surrounding these deaths.

Data were collected from 48 states (all states with exception of Florida and Hawaii), the District of Columbia and Puerto Rico. Of the participating VDRS programs, 46 states (Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, Georgia, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, and Wyoming) collected information on all violent deaths that occurred in their state in 2020. In addition, data were collected on all violent deaths that occurred in the District of Columbia and Puerto Rico in 2020. Two states, California and Texas, joined NVDRS with plans to collect data on violent deaths in a subset of counties. California collected data from death certificates for all violent deaths in the state in 2020; data for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo) also included information from coroner or medical examiner records and law enforcement reports. Texas also collected data from death certificates for all violent deaths in the state in 2020; data for violent deaths that occurred in four counties (Bexar, Dallas, Harris, and Tarrant) also included information from coroner or medical examiner records and law enforcement reports.

SUPPLEMENTARY TABLE S1. Number,* percentage,[†] and rate[§] of deaths, by incident type and manner of death — National Violent Death Reporting System, 48 states[¶] and the District of Columbia, 2020

Characteristic	No. (%)	Rate
Incident Type		
Suicide, single	37,873 (58.8)	15.5
Homicide, single	18,439 (28.6)	6.7
Legal intervention,** single	862 (1.3)	0.3
Undetermined intent, single	5,363 (8.3)	1.9
Unintentional firearm, single	500 (<1.0)	0.2
Suicide, multiple	37 (<1.0)	††
Homicide, multiple	695 (1.1)	††
Undetermined intent, multiple	23 (<1.0)	††
Legal intervention,** multiple	6 (<1.0)	††
Homicide(s) followed by suicide	571 (<1.0)	††
Other combinations of deaths ^{§§}	19 (<1.0)	††
Total	64,388 (100)	††
Manner of Death		
Suicide, or intentional self-harm	38,529 (58.4)	15.8
Homicide	20,681 (31.3)	7.5
Undetermined intent	5,429 (8.2)	2.0
Legal Intervention**	874 (1.3)	0.3
Unintentional firearm	504 (<1.0)	0.2
Total	66,017 (100)	††

* The Incident Type section reports the number of incidents, including multiple deaths resulting from injuries that are clearly linked by source documents and occur within 24 hours of each other (e.g., multiple homicides perpetrated by the same suspect within a 24-hour period). The Manner of Death section reports the number of deaths. No. incidents = 64,388. No. decedents = 66,017 (65,360 were victims of violence and 657 were both a victim and suspect [e.g., the person killed someone else and then died by suicide]).

[†] Percentages might not total 100% due to rounding.

[§] Per 100,000 population.

[¶] Includes all U.S. states with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant). Denominators for the rates for California and Texas represent only the populations of the counties from which the data were collected.

** The term legal intervention does not denote the lawfulness or legality of the circumstances surrounding the death.

†† Because the number of decedents varies in incidents involving multiple deaths, numerators cannot be determined to compute rates.

§§ Other combinations of deaths include any incident that does not fit into one of the other incident type categories (e.g., an incident with one suicide and one death of undetermined intent).

††† Total rates could not be computed because denominators vary by manner of death. Suicide uses population ≥10 years of age and all other manners use the total population.

SUPPLEMENTARY TABLE S2. Number, percentage,* and rate† of deaths, by manner of death — National Violent Death Reporting System, 48 states‡ (including California and Texas Statewide) and the District of Columbia, 2020

Manner of Death	No. (%)	Rate
Suicide, or intentional self-harm	42,353 (58.9)	15.7
Homicide	22,429 (31.2)	7.3
Undetermined intent	5,633 (7.8)	1.8
Legal Intervention [¶]	927 (1.3)	0.3
Unintentional firearm	538 (<1.0)	0.2
Total	71,880 (100)	**

* Percentages might not total 100% due to rounding.

† Per 100,000 population.

‡ Includes all U.S. states, with exception of Florida and Hawaii. Data for California and Texas represent counts of violent deaths that occurred statewide based on death certificate information only.

¶ The term legal intervention does not denote the lawfulness or legality of the circumstances surrounding the death.

** Total rates could not be computed because denominators vary by manner of death. Suicide uses population ≥10 years of age and all other manners use the total population.

SUPPLEMENTARY TABLE S3. Number and percentage* of deaths, by method of injury used and location in which injury occurred — National Violent Death Reporting System, 48 states¹ and District of Columbia, 2020

Characteristic	No. (%)
Method of Injury	
Firearm	37,239 (56.4)
Hanging/Strangulation/Suffocation	10,927 (16.6)
Poisoning	7,990 (12.1)
Sharp instrument	2,731 (4.1)
Fall	1,181 (1.8)
Motor vehicles (e.g., buses, motorcycles, other transport vehicles)	969 (1.5)
Blunt instrument	912 (1.4)
Drowning	622 (<1.0)
Personal weapons (e.g., hands, feet, fists)	556 (<1.0)
Fire/Burns	341 (<1.0)
Intentional neglect	92 (<1.0)
Shaking (e.g., shaken baby syndrome)	31 (<1.0)
Other (e.g., taser, electrocution, nail gun)	146 (<1.0)
Unknown	2,280 (3.5)
Total	66,017 (100)
Injury Location	
House/Apartment	40,164 (60.8)
Street/Highway	6,113 (9.3)
Motor vehicle	4,326 (6.6)
Natural area	2,259 (3.4)
Parking lot/Public garage/Public transport	1,676 (2.5)
Hotel/Motel	1,392 (2.1)
Commercial/Retail area	1,134 (1.7)
Park/Playground/Sports or athletic area	796 (1.2)
Jail/Prison	761 (1.2)
Supervised residential facility	375 (<1.0)
Bridge	355 (<1.0)
Railroad tracks	291 (<1.0)
Hospital or medical facility	237 (<1.0)
Bar/Nightclub	218 (<1.0)
Industrial or construction area	189 (<1.0)
Abandoned house/Building/Warehouse	168 (<1.0)
Farm	126 (<1.0)
Cemetery/Graveyard/Other burial ground	119 (<1.0)
Office building	109 (<1.0)
Preschool/School/College/School bus	107 (<1.0)
Synagogue/Church/Temple	55 (<1.0)

SUPPLEMENTARY TABLE S3. Number and percentage* of deaths, by method of injury used and location in which injury occurred — National Violent Death Reporting System, 48 states[†] and District of Columbia, 2020

Characteristic	No. (%)
Other unspecified location	971 (1.5)
Unknown	4,076 (6.2)
Total	66,017 (100)

* Percentages might not total 100% due to rounding.

[†] Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

SUPPLEMENTARY TABLE S4. Number* and percentage[†] of suicide decedents who experienced a recent crisis, by decedent sex and type of crisis circumstance — National Violent Death Reporting System, 48 states[§] and District of Columbia, 2020

Type of Crisis	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Crisis during previous or upcoming 2 weeks	7,853 (100)	1,760 (100)	9,613 (100)
Intimate partner problem	3,367 (42.9)	733 (41.6)	4,100 (42.7)
Contributing physical health problem	1,076 (13.7)	205 (11.6)	1,281 (13.3)
Contributing criminal legal problem	1,067 (13.6)	81 (4.6)	1,148 (11.9)
Job problem	651 (8.3)	128 (7.3)	779 (8.1)
Family relationship problem	588 (7.5)	184 (10.5)	772 (8.0)
Current diagnosed mental health problem	545 (6.9)	218 (12.4)	763 (7.9)
Alcohol problem	596 (7.6)	130 (7.4)	726 (7.6)
Other substance use problem (excludes alcohol)	354 (4.5)	103 (5.9)	457 (4.8)
Financial problem	348 (4.4)	69 (3.9)	417 (4.3)
Disaster exposure	302 (3.8)	99 (5.6)	401 (4.2)
Other death of friend or family	282 (3.6)	103 (5.9)	385 (4.0)
Eviction or loss of home	297 (3.8)	85 (4.8)	382 (4.0)
Civil/Legal problems	266 (3.4)	60 (3.4)	326 (3.4)
Other relationship problem (non-intimate)	149 (1.9)	41 (2.3)	190 (2.0)
School problem	78 (<1.0)	20 (1.1)	98 (1.0)
Suicide of friend or family	70 (<1.0)	28 (1.6)	98 (1.0)
Other addiction (e.g., gambling, sexual)	20 (<1.0)	3 (<1.0)	23 (<1.0)
Other crisis	0 (0.0)	0 (0.0)	0 (0.0)

* Includes decedents who experienced one or more crises during the previous or upcoming two weeks. Numbers will not equal the sums of the columns because more than one crisis could have been present per decedent.

[†] Denominator includes only those decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced or anticipated more than one crisis.

[§] Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

SUPPLEMENTARY TABLE S5. Number* and percentage† of homicide decedents who experienced a recent crisis, by decedent sex and type of crisis circumstance — National Violent Death Reporting System, 48 states‡ and District of Columbia, 2020

Type of Crisis	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Crisis during previous or upcoming 2 weeks	523 (100)	220 (100)	743 (100)
Family relationship problem	164 (31.4)	80 (36.4)	244 (32.8)
Other relationship problem (non-intimate)	202 (38.6)	30 (13.6)	232 (31.2)
Jealousy (lovers' triangle)	86 (16.4)	35 (15.9)	121 (16.3)
Other substance use problem (excludes alcohol)	50 (9.6)	8 (3.6)	58 (7.8)
Intimate partner problem	8 (1.5)	40 (18.2)	48 (6.5)
Alcohol problem	19 (3.6)	6 (2.7)	25 (3.4)
Stalking	5 (<1.0)	14 (6.4)	19 (2.6)
Current diagnosed mental health problem	3 (<1.0)	5 (2.3)	8 (1.1)
Prostitution	3 (<1.0)	5 (2.3)	8 (1.1)
Contributing criminal legal problem	3 (<1.0)	0 (0.0)	3 (<1.0)
Other addiction (e.g., gambling, sexual)	0 (0.0)	0 (0.0)	0 (0.0)
Other crisis	0 (0.0)	0 (0.0)	0 (0.0)

* Includes decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Numbers will not equal the sums of the columns because more than one crisis could have been present per decedent.

† Denominator includes only those decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced or anticipated more than one crisis.

‡ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

SUPPLEMENTARY TABLE S6. Number* and percentage† of homicides precipitated by another crime, by type of crime — National Violent Death Reporting System, 48 states‡ and District of Columbia, 2020

Type of Crime	No. (%)
Precipitated by another crime	3,264 (100.0)
Assault/Homicide	1,271 (38.9)
Robbery	1,074 (32.9)
Drug trade	473 (14.5)
Burglary	352 (10.8)
Motor vehicle theft	163 (5.0)
Rape/Sexual assault	75 (2.3)
Arson	54 (1.7)
Gambling	34 (1.0)
Witness intimidation/elimination	27 (<1.0)
Other crime	363 (11.1)
Unknown	78 (2.4)

* Includes deaths precipitated by another crime. Number will not equal the sum of the column because a death could have been precipitated by more than one crime.

† Denominator includes those decedents involved in an incident that was precipitated by another crime. Percentages do not sum to 100% because a decedent could have experienced more than one crime.

‡ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

SUPPLEMENTARY TABLE S7. Number* and percentage of homicide decedents tested for alcohol and drugs and whose results were positive,† by toxicology — National Violent Death Reporting System, 48 states‡ and District of Columbia, 2020

Toxicology	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration [†]	11,515 (55.7)	4,186 (36.4)
Alcohol < 0.08 g/dL		1,570 (37.5)
Alcohol ≥ 0.08 g/dL		2,415 (57.7)
Alcohol positive - level unknown		201 (4.8)
Amphetamines	9,583 (46.3)	2,733 (28.5)
Anticonvulsants	3,825 (18.5)	312 (8.2)
Antidepressants	4,465 (21.6)	396 (8.9)
Antipsychotics	3,790 (18.3)	119 (3.1)
Barbiturates	7,543 (36.5)	52 (<1.0)
Benzodiazepines	8,605 (41.6)	973 (11.3)
Cannabis	10,112 (48.9)	5,933 (58.7)
Carbon monoxide	710 (3.4)	128 (18.0)
Cocaine	9,488 (45.9)	1,488 (15.7)
Muscle relaxant	4,414 (21.3)	70 (1.6)
Opioids	9,862 (47.7)	2,273 (23.0)
Other drugs/substances**	1,656 (8.0)	1,592 (96.1)

* No. of homicide decedents = 20,681.

† Percentage is of decedents tested for toxicology.

‡ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

[†] Blood alcohol concentration of ≥ 0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

** Other drugs/substances indicated if any results were positive; levels for these drugs/substances are not measured.

SUPPLEMENTARY TABLE S8. Number* and percentage of legal intervention† decedents tested for alcohol and drugs and whose results were positive,‡ by toxicology — National Violent Death Reporting System, 48 states¹ and District of Columbia, 2020

Toxicology	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration**	545 (62.4)	230 (42.2)
Alcohol < 0.08 g/dL		65 (28.3)
Alcohol ≥ 0.08 g/dL		152 (66.1)
Alcohol positive - level unknown		13 (5.7)
Amphetamines	534 (61.1)	294 (55.1)
Anticonvulsants	200 (22.9)	26 (13.0)
Antidepressants	283 (32.4)	45 (15.9)
Antipsychotics	208 (23.8)	14 (6.7)
Barbiturates	366 (41.9)	1 (<1.0)
Benzodiazepines	471 (53.9)	60 (12.7)
Cannabis	477 (54.6)	257 (53.9)
Carbon monoxide	22 (2.5)	2 (9.1)
Cocaine	474 (54.2)	62 (13.1)
Muscle relaxant	227 (26.0)	5 (2.2)
Opioids	500 (57.2)	100 (20.0)
Other drugs/substances††	109 (12.5)	104 (95.4)

* No. of legal intervention decedents = 874.

† The term legal intervention does not denote the lawfulness or legality of the circumstances surrounding the death.

‡ Percentage is of decedents tested for toxicology.

¹ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

** Blood alcohol concentration of ≥ 0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

†† Other drugs/substances indicated if any results were positive; levels for these drugs/substances are not measured.

SUPPLEMENTARY TABLE S9. Number* and percentage[†] of males[‡] who died by legal intervention[¶] and experienced a recent crisis, by type of crisis circumstance — National Violent Death Reporting System, 48 states and District of Columbia, 2020**

Type of Crisis	No. (%)
Crisis during previous or upcoming 2 weeks	58 (100)
Current diagnosed mental health problem	12 (20.7)
Other substance use problem (excludes alcohol)	12 (20.7)
Family relationship problem	12 (20.7)
Alcohol problem	10 (17.2)
Other relationship problem (non-intimate)	7 (12.1)
Contributing criminal legal problem	4 (6.9)
Intimate partner problem	4 (6.9)
Stalking	3 (5.2)

* Includes decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Number will not equal the sum of the column because more than one crisis could have been present per decedent.

[†] Denominator includes only those decedents who experienced or anticipated one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced or anticipated more than one crisis.

[‡] Number and percentage of female legal intervention decedents excluded due to low counts.

[¶] The term legal intervention does not denote the lawfulness or legality of the circumstances surrounding the death.

** Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

SUPPLEMENTARY TABLE S10. Number, percentage,* and rate[†] of deaths of undetermined intent,[§] by decedent sex, age group, race/ethnicity, method of injury used, and location in which injury occurred — National Violent Death Reporting System, 48 states[†] and District of Columbia, 2020

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Age Group (years)						
<1	45 (1.2)	2.8	39 (2.3)	2.5	84 (1.5)	2.7
1-4	37 (<1.0)	0.6	26 (1.5)	0.4	63 (1.2)	0.5
5-9	16 (<1.0)	**	8 (<1.0)	**	24 (<1.0)	0.1
10-14	32 (<1.0)	0.4	13 (<1.0)	**	45 (<1.0)	0.3
15-19	93 (2.5)	1.0	32 (1.9)	0.4	125 (2.3)	0.7
20-24	200 (5.4)	2.2	69 (4.0)	0.8	269 (5.0)	1.5
25-29	338 (9.1)	3.4	159 (9.2)	1.7	497 (9.2)	2.5
30-34	459 (12.4)	4.7	165 (9.6)	1.7	624 (11.5)	3.3
35-44	752 (20.3)	4.3	380 (22.1)	2.2	1,132 (20.9)	3.2
45-54	711 (19.2)	4.3	339 (19.7)	2.0	1,050 (19.3)	3.1
55-64	673 (18.2)	3.9	307 (17.8)	1.7	980 (18.1)	2.7
65-74	246 (6.6)	1.9	108 (6.3)	0.7	354 (6.5)	1.3
75-84	71 (1.9)	1.2	50 (2.9)	0.7	121 (2.2)	0.9
≥85	27 (<1.0)	1.4	27 (1.6)	0.8	55 (1.0)	1.0
Unknown	4 (<1.0)	**	1 (<1.0)	**	6 (<1.0)	**
Race/Ethnicity						
White, non-Hispanic	2,266 (61.2)	2.6	1,193 (69.2)	1.3	3,459 (63.7)	2.0
Black, non-Hispanic	967 (26.1)	5.4	336 (19.5)	1.7	1,303 (24.0)	3.5
American Indian/Alaska Native, non-Hispanic	70 (1.9)	5.6	41 (2.4)	3.1	111 (2.0)	4.3
Asian/Pacific Islander, non-Hispanic	55 (1.5)	0.7	28 (1.6)	0.3	83 (1.5)	0.5
Hispanic or Latino ^{††}	323 (8.7)	1.5	121 (7.0)	0.6	444 (8.2)	1.0
Other	18 (<1.0)	**	3 (<1.0)	**	23 (<1.0)	**
Unknown	5 (<1.0)	**	1 (<1.0)	**	6 (<1.0)	**
Method of injury						
Poisoning	2,384 (64.4)	1.8	1,219 (70.7)	0.9	3,603 (66.4)	1.3
Firearm	204 (5.5)	0.2	43 (2.5)	<0.1	247 (4.5)	<0.1
Drowning	168 (4.5)	0.1	55 (3.2)	<0.1	223 (4.1)	<0.1
Blunt instrument	111 (3.0)	<0.1	49 (2.8)	<0.1	160 (2.9)	<0.1
Fall	114 (3.1)	<0.1	36 (2.1)	<0.1	150 (2.8)	<0.1
Motor vehicles (e.g., buses, motorcycles, other transport vehicles)	108 (2.9)	<0.1	39 (2.3)	<0.1	147 (2.7)	<0.1
Fire/Burns	73 (2.0)	<0.1	38 (2.2)	<0.1	111 (2.0)	<0.1
Hanging/Strangulation/Suffocation	71 (1.9)	<0.1	36 (2.1)	<0.1	107 (2.0)	<0.1
Personal weapons (e.g., hands, feet, fists)	25 (<1.0)	<0.1	8 (<1.0)	**	33 (<1.0)	<0.1
Sharp instrument	23 (<1.0)	<0.1	7 (<1.0)	**	30 (<1.0)	<0.1
Intentional neglect	10 (<1.0)	**	13 (<1.0)	**	23 (<1.0)	<0.1

SUPPLEMENTARY TABLE S10. Number, percentage,* and rate† of deaths of undetermined intent,§ by decedent sex, age group, race/ethnicity, method of injury used, and location in which injury occurred — National Violent Death Reporting System, 48 states¶ and District of Columbia, 2020

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Shaking (e.g., shaken baby syndrome)	2 (<1.0)	**	3 (<1.0)	**	5 (<1.0)	**
Other (e.g., taser, electrocution, nail gun)	36 (<1.0)	**	13 (<1.0)	**	49 (<1.0)	**
Unknown	375 (10.1)	**	164 (9.5)	**	541 (10.0)	**
Location of Injury						
House/Apartment	2,225 (60.1)	1.6	1,239 (71.9)	0.9	3,464 (63.8)	1.3
Street/Highway	195 (5.3)	0.1	65 (3.8)	<0.1	260 (4.8)	<0.1
Natural area	212 (5.7)	0.2	41 (2.4)	<0.1	253 (4.7)	<0.1
Hotel/Motel	148 (4.0)	0.1	69 (4.0)	<0.1	217 (4.0)	<0.1
Motor vehicle	148 (4.0)	0.1	54 (3.1)	<0.1	202 (3.7)	<0.1
Supervised residential facility	64 (1.7)	<0.1	25 (1.5)	<0.1	89 (1.6)	<0.1
Parking lot/Public garage/Public transport	71 (1.9)	<0.1	7 (<1.0)	**	78 (1.4)	<0.1
Abandoned house/Building/ Warehouse	42 (1.1)	<0.1	12 (<1.0)	**	54 (<1.0)	<0.1
Park/Playground/Sports or athletic area	30 (<1.0)	<0.1	7 (<1.0)	**	37 (<1.0)	<0.1
Hospital or medical facility	26 (<1.0)	<0.1	11 (<1.0)	**	37 (<1.0)	<0.1
Commercial/Retail area	33 (<1.0)	<0.1	2 (<1.0)	**	35 (<1.0)	<0.1
Jail/Prison	26 (<1.0)	<0.1	1 (<1.0)	**	27 (<1.0)	<0.1
Railroad tracks	17 (<1.0)	**	4 (<1.0)	**	21 (<1.0)	<0.1
Other location§§	85 (2.3)	**	17 (<1.0)	**	102 (1.9)	**
Unknown	382 (10.3)	**	169 (9.8)	**	553 (10.2)	**
Total	3,704 (100)	2.7	1,723 (100)	1.2	5,429 (100)	2.0

* Percentages might not total 100% due to rounding. Sex was unknown for n = 2 decedents.

† Per 100,000 population.

§ Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

¶ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant). Denominators for the rates for California and Texas represent only the populations of the counties from which the data were collected.

** Rates are not reported when number of decedents is <20 or when characteristic response is 'Other' or 'Unknown'.

†† Includes persons of any race.

§§ Other location includes (in descending order): bridge, industrial or construction area, bar/nightclub, preschool/school/college/school bus, office building, synagogue/church/temple, farm, cemetery/graveyard/other burial ground, and other unspecified location.

SUPPLEMENTARY TABLE S11. Number* and percentage of decedents of deaths of undetermined intent† tested for alcohol and drugs and whose results were positive,‡ by toxicology — National Violent Death Reporting System, 48 states¹ and District of Columbia, 2020

Toxicology	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration**	3,839 (70.7)	1,436 (37.4)
Alcohol < 0.08 g/dL		535 (37.3)
Alcohol ≥ 0.08 g/dL		678 (47.2)
Alcohol positive - level unknown		223 (15.5)
Amphetamines	1,980 (36.5)	679 (34.3)
Anticonvulsants	1,308 (24.1)	440 (33.6)
Antidepressants	1,863 (34.3)	971 (52.1)
Antipsychotics	1,212 (22.3)	309 (25.5)
Barbiturates	1,538 (28.3)	41 (2.7)
Benzodiazepines	2,081 (38.3)	849 (40.8)
Cannabis	1,790 (33.0)	618 (34.5)
Carbon monoxide	225 (4.1)	147 (65.3)
Cocaine	2,518 (46.4)	1,093 (43.4)
Muscle relaxant	1,141 (21.0)	139 (12.2)
Opioids	3,857 (71.0)	2,966 (76.9)
Other drugs/substances††	850 (15.7)	836 (98.4)

*No. of decedents of deaths of undetermined intent = 5,429.

† Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

‡ Percentage is of decedents tested for toxicology.

¹ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

** Blood alcohol concentration of ≥ 0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

†† Other drugs/substances indicated if any results were positive; levels for these drugs/substances are not measured.

SUPPLEMENTARY TABLE S12. Number* and percentage† of deaths of undetermined intent,§ by decedent sex and precipitating circumstances — National Violent Death Reporting System, 48 states¹ and District of Columbia, 2020

Precipitating Circumstances	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Mental Health/Substance Use			
Current diagnosed mental health problem**	834 (29.3)	620 (44.5)	1,454 (34.3)
Depression/Dysthymia	433 (51.9)	354 (57.1)	787 (54.1)
Anxiety disorder	192 (23.0)	204 (32.9)	396 (27.2)
Bipolar disorder	151 (18.1)	155 (25.0)	306 (21.0)
Schizophrenia	124 (14.9)	41 (6.6)	165 (11.3)
PTSD	43 (5.2)	36 (5.8)	79 (5.4)
ADD/ADHD	29 (3.5)	19 (3.1)	48 (3.3)
Dementia	18 (2.2)	18 (2.9)	36 (2.5)
Autism spectrum	6 (<1.0)	6 (<1.0)	12 (<1.0)
Eating disorder	2 (<1.0)	3 (<1.0)	5 (<1.0)
OCD	4 (<1.0)	1 (<1.0)	5 (<1.0)
Down Syndrome	0 (0.0)	2 (<1.0)	2 (<1.0)
Fetal alcohol syndrome	0 (0.0)	0 (0.0)	0 (0.0)
Other	54 (6.5)	29 (4.7)	83 (5.7)
Unknown	109 (13.1)	59 (9.5)	168 (11.6)
Other substance use problem (excludes alcohol)	1,997 (70.2)	916 (65.8)	2,913 (68.8)
History of ever being treated for a mental health or substance use problem	732 (25.7)	441 (31.7)	1,173 (27.7)
Alcohol problem	794 (27.9)	277 (19.9)	1,071 (25.3)
Current mental health or substance use treatment	513 (18.0)	349 (25.1)	862 (20.3)
Current depressed mood	209 (7.3)	125 (9.0)	334 (7.9)
Other addiction (e.g., gambling, sexual)	21 (<1.0)	20 (1.4)	41 (<1.0)
Interpersonal			
Intimate partner problem	142 (5.0)	79 (5.7)	221 (5.2)
Family relationship problem	83 (2.9)	56 (4.0)	139 (3.3)
Other death of family member or friend	62 (2.2)	36 (2.6)	98 (2.3)
Other relationship problem (non-intimate)	55 (1.9)	27 (1.9)	82 (1.9)
Victim of interpersonal violence during past month	27 (<1.0)	23 (1.7)	50 (1.2)
Perpetrator of interpersonal violence during past month	26 (<1.0)	8 (<1.0)	34 (<1.0)
Suicide of family member or friend	5 (<1.0)	5 (<1.0)	10 (<1.0)
Life Stressor			
Physical health problem	312 (11.0)	226 (16.2)	538 (12.7)
Crisis during previous or upcoming 2 weeks	275 (9.7)	143 (10.3)	418 (9.9)
Argument or conflict	166 (5.8)	102 (7.3)	268 (6.3)
Caretaker abuse/neglect led to suicide	45 (1.6)	57 (4.1)	102 (2.4)
Recent criminal legal problem	77 (2.7)	20 (1.4)	97 (2.3)
Job problem	66 (2.3)	23 (1.7)	89 (2.1)

SUPPLEMENTARY TABLE S12. Number* and percentage† of deaths of undetermined intent,‡ by decedent sex and precipitating circumstances — National Violent Death Reporting System, 48 states§ and District of Columbia, 2020

Precipitating Circumstances	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Exposure to disaster	53 (1.9)	28 (2.0)	81 (1.9)
Physical fight (2 people, not a brawl)	57 (2.0)	14 (1.0)	71 (1.7)
Financial problem	33 (1.2)	20 (1.4)	53 (1.3)
Eviction or loss of home	32 (1.1)	13 (<1.0)	45 (1.1)
History of child abuse/neglect	17 (<1.0)	23 (1.7)	40 (<1.0)
Non-criminal legal problem	19 (<1.0)	16 (1.1)	35 (<1.0)
School problem	7 (<1.0)	2 (<1.0)	9 (<1.0)
Traumatic anniversary	4 (<1.0)	3 (<1.0)	7 (<1.0)
Crime and Criminal Activity			
Precipitated by another crime	49 (1.7)	21 (1.5)	70 (1.7)
Crime in progress††	19 (38.8)	7 (33.3)	26 (37.1)
Suicide Event			
History of suicidal thoughts or plans	276 (9.7)	168 (12.1)	444 (10.5)
History of suicide attempt(s)	169 (5.9)	142 (10.2)	311 (7.3)
Left a suicide note	26 (<1.0)	29 (2.1)	55 (1.3)
Suicide Disclosure			
Disclosed suicidal intent	138 (4.9)	71 (5.1)	209 (4.9)
Disclosed intent to whom§§			
Other family member	53 (38.4)	23 (32.4)	76 (36.4)
Previous or current intimate partner	40 (29.0)	26 (36.6)	66 (31.6)
Friend/colleague	22 (15.9)	10 (14.1)	32 (15.3)
Health care worker	12 (8.7)	6 (8.5)	18 (8.6)
Through social media or other electronic means	3 (2.2)	3 (4.2)	6 (2.9)
Neighbor	1 (<1.0)	0 (0.0)	1 (<1.0)
Other	10 (7.2)	2 (2.8)	12 (5.7)
Unknown	15 (10.9)	7 (9.9)	22 (10.5)
Total††			
	2,845 (76.8)	1,392 (80.8)	4,237 (78.0)

SUPPLEMENTARY TABLE S12. Number* and percentage[†] of deaths of undetermined intent,[§] by decedent sex and precipitating circumstances — National Violent Death Reporting System, 48 states[¶] and District of Columbia, 2020

Precipitating Circumstances	Male	Female	Total
	No. (%)	No. (%)	No. (%)

Abbreviation: ADD/ADHD = attention deficit disorder/attention deficit hyperactivity disorder; OCD = obsessive-compulsive disorder; PTSD = posttraumatic stress disorder.

* Includes deaths of undetermined intent with one or more precipitating circumstances. More than one circumstance could have been present per decedent.

[†] Denominator includes those deaths of undetermined intent with one or more precipitating circumstances. The sums of percentages in columns exceed 100% because more than one circumstance could have been present per decedent.

[§] Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

[¶] Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

** Includes decedents with one or more diagnosed current mental health problems; therefore, sums of percentages for the diagnosed conditions exceed 100%. Denominator in percentages is the number of decedents with one or more current diagnosed mental health problems.

^{††} Denominator includes those decedents involved in an incident that was precipitated by another crime.

^{§§} Denominator is decedents who disclosed intent. The sum of percentages exceed 100% because more than one response could have been present per decedent.

^{†††} Circumstances were unknown for 1,192 decedents (859 males, 331 females, 2 unknown). Total number of deaths of undetermined intent = 5,429 (3,704 males, 1,723 females and 2 unknown).

SUPPLEMENTARY TABLE S13. Number* and percentage† of decedents of deaths of undetermined intent‡ who experienced a recent crisis, by decedent sex and type of crisis circumstance — National Violent Death Reporting System, 48 states† and District of Columbia, 2020

Type of Crisis	Male No. (%)	Female No. (%)	Total No. (%)
Crisis during previous or upcoming 2 weeks	275 (100)	143 (100)	418 (100)
Other substance use problem (excludes alcohol)	74 (26.9)	46 (32.2)	120 (28.7)
Intimate partner problem	50 (18.2)	30 (21.0)	80 (19.1)
Contributing physical health problem	38 (13.8)	31 (21.7)	69 (16.5)
Alcohol problem	30 (10.9)	14 (9.8)	44 (10.5)
Family relationship problem	19 (6.9)	9 (6.3)	28 (6.7)
Contributing criminal legal problem	25 (9.1)	3 (2.1)	28 (6.7)
Other relationship problem (non-intimate)	17 (6.2)	5 (3.5)	22 (5.3)
Other death of friend or family	12 (4.4)	10 (7.0)	22 (5.3)
Job problem	18 (6.5)	3 (2.1)	21 (5.0)
Current diagnosed mental health problem	9 (3.3)	11 (7.7)	20 (4.8)
Eviction or loss of home	12 (4.4)	7 (4.9)	19 (4.5)
Disaster exposure	13 (4.7)	6 (4.2)	19 (4.5)
Civil/Legal problems	5 (1.8)	2 (1.4)	7 (1.7)
Financial problem	4 (1.5)	2 (1.4)	6 (1.4)
Suicide of friend or family	2 (<1.0)	1 (<1.0)	3 (<1.0)
Other addiction (e.g., gambling, sexual)	1 (<1.0)	0 (0.0)	1 (<1.0)
School problem	0 (0.0)	1 (<1.0)	1 (<1.0)
Other crisis	0 (0.0)	0 (0.0)	0 (0.0)

* Includes decedents who experienced one or more crises during the previous or upcoming two weeks. Numbers will not equal the sums of the columns because more than one crisis could have been present per decedent.

† Denominator includes only those decedents who experienced one or more crises during the previous or upcoming two weeks. Percentages do not sum to 100% because a decedent could have experienced more than one crisis.

‡ Deaths that result from the use of force or power against oneself or another person for which evidence indicating one manner of death is no more compelling than evidence indicating another.

§ Includes all U.S. states, with exception of Florida and Hawaii. Data for California are for violent deaths that occurred in 35 counties (Amador, Butte, Colusa, Contra Costa, Fresno, Glenn, Humboldt, Imperial, Kern, Kings, Lassen, Lake, Los Angeles, Marin, Mendocino, Merced, Modoc, Mono, Orange, Placer, Sacramento, San Benito, San Diego, San Francisco, San Mateo, Santa Cruz, Shasta, Siskiyou, Solano, Sonoma, Stanislaus, Tehama, Trinity, Ventura, and Yolo). Data for Texas are for violent deaths that occurred in 4 counties (Bexar, Dallas, Harris, Tarrant).

SUPPLEMENTARY TABLE S14. Number, percentage,* and rate[†] of homicides, by decedent sex, age group, race/ethnicity, method of injury used, location in which injury occurred, and victim-to-suspect relationship — National Violent Death Reporting System, Puerto Rico, 2020

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Age Group (years)						
<1-17	10 (2.0)	§	¶	§	¶	§
18-29	214 (42.8)	79.8	18 (36.7)	§	232 (42.2)	43.7
30-44	188 (37.6)	66.5	16 (32.7)	§	204 (37.1)	34.4
45-64	68 (13.6)	16.9	¶	§	¶	§
≥65	17 (3.4)	§	¶	§	¶	§
Unknown	¶	§	0 (0.0)	§	¶	§
Race/Ethnicity						
White, non-Hispanic	15 (3.0)	**	0 (0.0)	**	15 (2.7)	**
Black, non-Hispanic	10 (2.0)	**	¶	**	¶	**
American Indian/Alaska Native, non-Hispanic	0 (0.0)	**	0 (0.0)	**	0 (0.0)	**
Asian/Pacific Islander, non-Hispanic	0 (0.0)	**	0 (0.0)	**	0 (0.0)	**
Hispanic or Latino ^{††}	473 (94.6)	**	47 (95.9)	**	520 (94.5)	**
Other	¶	**	¶	**	¶	**
Unknown	0 (0.0)	**	0 (0.0)	**	0 (0.0)	**
Method of injury						
Firearm	448 (89.6)	28.8	41 (83.7)	2.4	489 (88.9)	14.9
Sharp instrument	19 (3.8)	§	¶	§	¶	§
Blunt instrument	¶	§	¶	§	12 (2.2)	§
Personal weapons (e.g., hands, feet, fists)	11 (2.2)	§	0 (0.0)	§	11 (2.0)	§
Other method ^{§§}	¶	§	¶	§	12 (2.2)	§
Unknown	¶	§	0 (0.0)	§	¶	§
Location of Injury						
Street/Highway	245 (49.0)	15.8	¶	§	¶	§
Motor vehicle	122 (24.4)	7.8	15 (30.6)	§	137 (24.9)	4.2
House/Apartment	49 (9.8)	3.2	20 (40.8)	1.2	69 (12.5)	2.1
Park/Playground/Sports or athletic area	12 (2.4)	§	¶	§	¶	§
Natural area	11 (2.2)	§	¶	§	¶	§
Parking lot/Public garage/Public transport	10 (2.0)	§	0 (0.0)	§	10 (1.8)	§
Other location ^{¶¶}	44 (8.8)	2.8	¶	§	¶	§
Unknown	¶	§	0 (0.0)	§	¶	§
Relationship of Victim to Suspect^{***}						
Other person, known to victim	92 (39.5)	§	10 (27.8)	§	102 (37.9)	§
Rival gang member	71 (30.5)	4.6	0 (0.0)	§	71 (26.4)	2.2
Stranger	26 (11.2)	1.7	¶	§	¶	§
Acquaintance/Friend	25 (10.7)	1.6	¶	§	¶	§
Spouse/Intimate partner (current or former)	¶	§	14 (38.9)	§	¶	§

SUPPLEMENTARY TABLE S14. Number, percentage,* and rate[†] of homicides, by decedent sex, age group, race/ethnicity, method of injury used, location in which injury occurred, and victim-to-suspect relationship — National Violent Death Reporting System, Puerto Rico, 2020

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Other relative	11 (4.7)	§	¶	§	¶	§
Other relationship ^{***}	¶	§	¶	§	¶	§
Total	500 (100)	32.2	49 (100)	2.8	550 (100)	16.8

* Percentages might not total 100% due to rounding. Sex was unknown for n=1 decedent.

[†] Per 100,000 population.

[§] Rates are not reported when number of decedents is <20 or when characteristic response is 'Other' or 'Unknown.'

[¶] Number of deaths <10; number is not reported to retain confidentiality.

** Rates by race/ethnicity are not provided because U.S. Census information for Puerto Rico is limited.

^{††} Includes persons of any race.

^{§§} Other method includes (in descending order): fire/burns, hanging/strangulation/ suffocation, fall, motor vehicles (e.g., buses, motorcycles, other transport vehicles), other (single method).

^{¶¶} Other location includes (in descending order): abandoned house/building/warehouse, commercial/retail area, bar/nightclub, jail/prison, office building, bridge, hotel/motel, and other unspecified location.

^{***} Percentage is based on the number of homicide decedents with a known victim-to-suspect relationship (n = 269 [48.9%]; 233 [46.6%] males and 36 [73.5%] females); victim-to-suspect relationship was unknown for 281 decedents.

^{***} Other relationship includes (in descending order): child, parent.

SUPPLEMENTARY TABLE S15. Number* and percentage of homicide decedents tested for alcohol and drugs and whose results were positive,[†] by toxicology — National Violent Death Reporting System, Puerto Rico, 2020

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration [§]	546 (99.3)	145 (26.6)
Alcohol < 0.08 g/dL		91 (62.8)
Alcohol ≥ 0.08 g/dL		50 (34.5)
Alcohol positive - level unknown		4 (2.8)
Cannabis	413 (75.1)	128 (31.0)
Carbon monoxide	13 (2.4)	[¶]
Cocaine	546 (99.3)	99 (18.1)
Opioids	546 (99.3)	49 (9.0)

* No. of homicide decedents = 550.

[†] Percentage is of decedents tested for toxicology.

[§] Blood alcohol concentration of ≥ 0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

[¶] Number of deaths <10; number is not reported to retain confidentiality.

SUPPLEMENTARY TABLE S16. Number* and percentage† of homicides, by decedent sex and precipitating circumstances — National Violent Death Reporting System, Puerto Rico, 2020

Precipitating Circumstances	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Mental Health/Substance Use			
Other substance use problem (excludes alcohol)	133 (27.3)	§	§
Current diagnosed mental health problem	31 (6.4)	§	§
History of ever being treated for a mental health or substance use problem	17 (3.5)	§	§
Current depressed mood	14 (2.9)	§	§
Alcohol problem	11 (2.3)	§	§
Current mental health or substance use treatment	10 (2.1)	§	§
Interpersonal			
Other relationship problem (non-intimate)	85 (17.5)	10 (20.8)	95 (17.8)
Intimate partner violence-related	32 (6.6)	16 (33.3)	48 (9.0)
Jealousy (lovers' triangle)	26 (5.3)	§	§
Family relationship problem	18 (3.7)	§	§
Perpetrator of interpersonal violence during past month	10 (2.1)	§	§
Life Stressor			
Argument or conflict	73 (15.0)	§	§
Crisis during previous or upcoming 2 weeks	20 (4.1)	§	§
Physical fight (2 people, not a brawl)	16 (3.3)	§	§
Crime and Criminal Activity			
Gang-related	245 (50.3)	§	§
Drug involvement	210 (43.1)	§	§
Precipitated by another crime	49 (10.1)	§	§
Crime in progress [‡]	19 (38.8)	§	§
Homicide Event			
Drive-by shooting	107 (22.0)	11 (22.9)	118 (22.1)
Victim was a bystander	27 (5.5)	11 (22.9)	38 (7.1)
Walk by assault	§	0 (0.0)	§
Total**	487 (97.4)	48 (98.0)	535 (97.3)

* Includes homicides with one or more precipitating circumstances. Total numbers do not equal the sums of the columns because more than one circumstance could have been present per decedent.

† Denominator includes those homicides with one or more precipitating circumstances. The sums of percentages in columns exceed 100% because more than one circumstance could have been present per decedent.

§ Number of deaths <10; number is not reported to retain confidentiality.

[‡] Denominator includes those decedents involved in an incident that was precipitated by another crime.

** Circumstances were unknown for 15 decedents (13 males); total number of homicide decedents = 550 (500 males and 49 females).

SUPPLEMENTARY TABLE S17. Number, percentage,* and rate[†] of suicides among persons aged ≥10 years,[§] by decedent sex, age group, race/ethnicity, method of injury used, and location in which injury occurred — National Violent Death Reporting System, Puerto Rico, 2020

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate
Age Group (years)						
10-17	0 (0.0)		0 (0.0)		0 (0.0)	
18-29	24 (13.5)	9.0	†	**	†	**
30-44	38 (21.3)	13.5	†	**	†	**
45-64	65 (36.5)	16.2	11 (34.4)	**	76 (36.2)	8.8
≥65	51 (28.7)	16.3	†	**	†	**
Unknown	0 (0.0)	**	0 (0.0)	**	0 (0.0)	**
Race/Ethnicity						
White, non-Hispanic	17 (9.6)	††	†	††	†	††
Black, non-Hispanic	†	††	0 (0.0)	††	†	††
American Indian/Alaska Native, non-Hispanic	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Asian/Pacific Islander, non-Hispanic	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Hispanic or Latino ^{§§}	159 (89.3)	††	31 (96.9)	††	190 (90.5)	††
Other	†	††	0 (0.0)	††	†	††
Unknown	0 (0.0)	††	0 (0.0)	††	0 (0.0)	††
Method of injury						
Hanging/Strangulation/Suffocation	119 (66.9)	8.4	16 (50.0)	**	135 (64.3)	4.5
Firearm	32 (18.0)	2.3	†	**	†	**
Poisoning	10 (5.6)	**	†	**	†	**
Fall	†	**	†	**	11 (5.2)	**
Sharp instrument	†	**	0 (0.0)		†	**
Other method ^{††}	†	**	†	**	†	**
Location of Injury						
House/Apartment	136 (76.4)	9.6	30 (93.8)	1.9	166 (79.0)	5.5
Natural area	10 (5.6)	**	†	**	†	**
Motor vehicle	†	**	0 (0.0)		†	**
Other location ^{***}	25 (14.0)	1.8	†	**	†	**
Unknown	†	**	0 (0.0)	**	†	**
Total						
	178 (100)	12.5	32 (100)	2.0	210 (100)	7.0

SUPPLEMENTARY TABLE S17. Number, percentage,* and rate[†] of suicides among persons aged ≥10 years,[§] by decedent sex, age group, race/ethnicity, method of injury used, and location in which injury occurred — National Violent Death Reporting System, Puerto Rico, 2020

Characteristic	Male		Female		Total	
	No. (%)	Rate	No. (%)	Rate	No. (%)	Rate

* Percentages might not total 100% due to rounding.

[†] Per 100,000 population.

[§] Suicide is not reported for decedents aged <10 years, as per standard in the suicide prevention literature. Denominators for the suicide rates represent the total population aged ≥10 years.

[¶] Number of deaths <10; number is not reported to retain confidentiality.

** Rate is not reported when number of decedents is <20 or when characteristic response is 'Other' or 'Unknown.'

^{††} Rates by race/ethnicity are not provided because U.S. Census information for Puerto Rico is limited.

^{§§} Includes persons of any race.

^{¶¶} Other method includes (in descending order): drowning, fire/burns, other (single method).

^{***} Other location includes (in descending order): jail/prison, abandoned house/building/warehouse, bridge, commercial/retail area, farm, hospital or medical facility, hotel/motel, parking lot/public garage/public transport, cemetery/graveyard/other burial ground, office building, street/highway, supervised residential facility, and other unspecified location.

SUPPLEMENTARY TABLE S18. Number* and percentage of suicide decedents tested for alcohol and drugs and whose results were positive,† by toxicology — National Violent Death Reporting System, Puerto Rico, 2020

Toxicology variable	Tested	Positive
	No. (%)	No. (%)
Blood alcohol concentration [§]	205 (97.6)	60 (29.3)
Alcohol < 0.08 g/dL		24 (40.0)
Alcohol ≥ 0.08 g/dL		36 (60.0)
Alcohol positive - level unknown		0 (0.0)
Amphetamines	†	†
Barbiturates	†	†
Benzodiazepines	10 (4.8)	†
Cannabis	137 (65.2)	12 (8.8)
Cocaine	204 (97.1)	25 (12.3)
Muscle relaxants	†	†
Opioids	204 (97.1)	13 (6.4)
Other drugs/substances**	†	†

* No. of suicide decedents = 210.

† Percentage is of decedents tested for toxicology.

§ Blood alcohol concentration of ≥ 0.08 g/dL is over the legal limit in all states and is used as the standard for intoxication.

† Number of deaths <10; number is not reported to retain confidentiality.

** Other drugs/substances indicated if any results were positive; levels for these drugs/substances are not measured.

SUPPLEMENTARY TABLE S19. Number* and percentage† of suicides among persons aged ≥ 10 years,‡ by decedent sex and precipitating circumstances — National Violent Death Reporting System, Puerto Rico, 2020

Precipitating Circumstances	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Mental Health/Substance Use			
Current depressed mood	82 (49.7)	16 (50.0)	98 (49.7)
Current diagnosed mental health problem [†]	81 (49.1)	23 (71.9)	104 (52.8)
Depression/Dysthymia	63 (77.8)	17 (73.9)	80 (76.9)
Anxiety disorder	15 (18.5)	**	**
Bipolar disorder	12 (14.8)	**	**
Schizophrenia	11 (13.6)	**	**
ADD/ADHD	**	**	**
Other	**	**	**
Unknown	**	**	**
History of ever being treated for a mental health or substance use problem	52 (31.5)	16 (50.0)	68 (34.5)
Current mental health or substance use treatment	35 (21.2)	13 (40.6)	48 (24.4)
Other substance use problem (excludes alcohol)	23 (13.9)	**	**
Alcohol problem	23 (13.9)	**	**
Interpersonal			
Intimate partner problem	25 (15.2)	**	**
Other death of family member or friend	**	0 (0.0)	**
Perpetrator of interpersonal violence during past month	**	**	**
Other relationship problem (non-intimate)	**	0 (0.0)	**
Family relationship problem	**	**	**
Life Stressor			
Physical health problem	29 (17.6)	**	**
Argument or conflict	13 (7.9)	**	**
Crisis during previous or upcoming 2 weeks	13 (7.9)	**	**
Job problem	**	**	**
Exposure to disaster	**	0 (0.0)	**
Non-criminal legal problem	**	**	**
Physical fight (2 people, not a brawl)	**	0 (0.0)	**
Eviction or loss of home	**	**	**
Recent criminal legal problem	**	0 (0.0)	**
Financial problem	**	0 (0.0)	**
Crime and Criminal Activity			
Precipitated by another crime	**	0 (0.0)	**
Crime in Progress**	**	0 (0.0)	**
Suicide Event			
History of suicide attempt(s)	37 (22.4)	11 (34.4)	48 (24.4)
History of suicidal thoughts or plans	38 (23.0)	**	**

SUPPLEMENTARY TABLE S19. Number* and percentage† of suicides among persons aged ≥10 years,‡ by decedent sex and precipitating circumstances — National Violent Death Reporting System, Puerto Rico, 2020

Precipitating Circumstances	Male	Female	Total
	No. (%)	No. (%)	No. (%)
Left a suicide note	25 (15.2)	**	**
Suicide Disclosure			
Disclosed suicidal intent	22 (13.3)	**	**
Disclosed intent to whom††			
Other family member	11 (50.0)	**	**
Previous or current intimate partner	11 (50.0)	**	**
Health care worker	0 (0.0)	**	**
Total§§	165 (92.7)	32 (100)	197 (93.8)

* Includes suicides with one or more precipitating circumstances. More than one circumstance could have been present per decedent.

† Denominator includes those suicides with one or more precipitating circumstances. The sums of percentages in columns exceed 100% because more than one circumstance could have been present per decedent.

‡ Suicide is not reported for decedents aged <10 years, as per standard in the suicide prevention literature.

§ Includes decedents with one or more diagnosed current mental health problems; therefore, sums of percentages for the diagnosed conditions exceed 100%. Denominator includes the number of decedents with one or more current diagnosed mental health problems.

** Number of deaths <10; number is not reported to retain confidentiality.

†† Denominator includes decedents who disclosed intent.

§§ Circumstances were unknown for 13 decedents (13 male, 0 female); total number of suicide decedents = 210 (178 males and 32 females).